US 20190027251A1

(19) **United States**

(12) **Patent Application Publication**

PULITZER et al.

(10) **Pub. No.: US 2019/0027251 A1**

(43) **Pub. Date: Jan. 24, 2019**

(54) **SYSTEM AND METHOD FOR MACHINE LEARNING APPLICATION FOR PROVIDING MEDICAL TEST RESULTS USING VISUAL INDICIA**

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(21) Appl. No.: **16/137,213**

(22) Filed: **Sep. 20, 2018**

Related U.S. Application Data

(63) Continuation-in-part of application No. 15/804,990, filed on Nov. 6, 2017, which is a continuation-in-part of application No. 15/295,398, filed on Oct. 17, 2016, now Pat. No. 9,857,373.

(60) Provisional application No. 62/566,607, filed on Oct. 2, 2017, provisional application No. 62/419,382, filed on Nov. 8, 2016.

Publication Classification

(51) **Int. Cl.**

G16H 50/20 (2006.01)

G06N 3/08 (2006.01)

(52) **U.S. Cl.**

CPC ***G16H 50/20*** (2018.01); ***G06N 3/08*** (2013.01)

(57) **ABSTRACT**

A method for providing diagnostic test results is provided. The method comprises providing a software application to be stored on a mobile device, the mobile device having a camera and a viewing screen, initiating operation of the camera, aligning the camera with a visual trigger associated with the diagnostic test, capturing an image of the diagnostic test, sending the image to a server, creating a pixel value array from the pixel values in the image, providing the pixel value array as inputs in a trained neural network, and providing either a positive or negative result from the trained neural network in response to the pixel value array.